

ABSTRACT

An electrical cable having a holding member arranged within the cable for an optic fiber, which can be used for temperature sensing and/or communications. The holding member can replace one or more strands of the cable, be placed inside an
5 interstice of the cable, be placed in between various layers of the cable, or placed in the jacket of the cable. If desired a strength member may be adjacent to and/or attached to the holding member to provide additional protection for the optic fiber. The cable can be produced through the addition of a planetary strander device to a wire assembly apparatus.